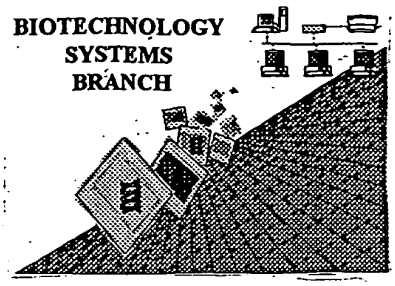
5630

BIOTECHNOLOGY SYSTEMS BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/009,926
Source: PCT/10
Date Processed by STIC: 1/14/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:
1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**>, **EFS Submission User Manual** - ePAVE)
2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/009,926

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOF

1_____Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2_____Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3_____Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4_____Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5_____Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6_____PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7_____Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading). (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8_____Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9_____Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10_____Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
11_____Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown.", Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12_____PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13_____Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

PCT10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/009,926

DATE: 01/14/2002
TIME: 07:47:54

Input Set : A:\SEQUENCE PROTOCOL.txt
Output Set: N:\CRF3\01142002\J009926.raw

pp 1-2

Does Not Comply
Corrected Diskette Needed

```
   4 <110> APPLICANT: Diavir GmbH
   6 <120> TITLE OF INVENTION: Method for the synthesis of DNA fragments
   8 <130> FILE REFERENCE: DV-001 PCT
  10 <140> CURRENT APPLICATION NUMBER: US/10/009,926
  11 <141> CURRENT FILING DATE: 2001-12-06
  13 <150> PRIOR APPLICATION NUMBER: DE 199 25 862.7
  14 <151> PRIOR FILING DATE: 1999-06-07
  16 <160> NUMBER OF SEQ ID NOS: 7
  18 <170> SOFTWARE: PatentIn Ver. 2.1
  20 <210> SEQ ID NO: 1
  21 <211> LENGTH: 26
  22 <212> TYPE: DNA
  23 <213> ORGANISM: artificial sequence
  25 <220> FEATURE:
  26 <223> OTHER INFORMATION: description of the artificial sequence: oligonucleotide
  28 <400> SEQUENCE: 1
  29 gcttcgagac gcgttttcgc gtctcg        26
  31 <210> SEQ ID NO: 2
  32 <211> LENGTH: 32
  33 <212> TYPE: DNA
  34 <213> ORGANISM: artificial sequence
  36 <220> FEATURE:
  37 <223> OTHER INFORMATION: description of the artificial sequence: oligonucleotide
  39 <400> SEQUENCE: 2
  40 agaatggtct tcgagctttt gctcgaagac ca       32
  42 <210> SEQ ID NO: 3
  43 <211> LENGTH: 16
  44 <212> TYPE: DNA
  45 <213> ORGANISM: artificial sequence
  47 <220> FEATURE:
  48 <223> OTHER INFORMATION: description of the artificial sequence: oligonucleotide
  50 <400> SEQUENCE: 3
  51 cgcggatccg cggcgt         16
  53 <210> SEQ ID NO: 4
  54 <211> LENGTH: 20
  55 <212> TYPE: DNA
  56 <213> ORGANISM: artificial sequence
  58 <220> FEATURE:
  59 <223> OTHER INFORMATION: description of the artificial sequence: oligonucleotide
  61 <400> SEQUENCE: 4
  62 cgagacgccg cggatccgcg         20
  64 <210> SEQ ID NO: 5
  65 <211> LENGTH: 34
  66 <212> TYPE: DNA
  67 <213> ORGANISM: artificial sequence
  69 <220> FEATURE:
  70 <223> OTHER INFORMATION: description of the artificial sequence: oligonucleotide
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(see item 11 on Error Summary Sheet)
insufficient explanation - give Source of genetic material

RAW SEQUENCE LISTING DATE: 01/14/2002
PATENT APPLICATION: US/10/009,926 TIME: 07:47:54

Input Set : A:\SEQUENCE PROTOCOL.txt
Output Set: N:\CRF3\01142002\J009926.raw

72 <400> SEQUENCE: 5
73 aagcttctgg agaccgcttt tgcggtctcc agaa 34
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 20
77 <212> TYPE: DNA
78 <213> ORGANISM: artificial sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: description of the artificial sequence: oligonucleotide
83 <400> SEQUENCE: 6
84 ctcgaagcgg agaccgccac 20
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 16
88 <212> TYPE: DNA
89 <213> ORGANISM: artificial sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: description of the artificial sequence: oligonucleotide
94 <400> SEQUENCE: 7
95 gtggcggtct ccgctt 16

VERIFICATION SUMMARY DATE: 01/14/2002
PATENT APPLICATION: US/10/009,926 TIME: 07:47:55

Input Set : A:\SEQUENCE PROTOCOL.txt
Output Set: N:\CRF3\01142002\J009926.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date